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**REMARKS**

Claim 28 has been amended. Claims 1-8, 13-67 and 70-75 remain in the application for consideration. In view of the following remarks, Applicant respectfully requests reconsideration and allowance of the subject application.

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**Request For Reconsideration and Interview Request**

Applicant has studied the present Office Action and cited reference in great detail and respectfully submits, for the reasons stated below, that the Office has not established that the present claims are anticipated as argued by the Office. Accordingly, Applicant respectfully requests that the Office reconsider the rejections. In addition, Applicant intends to use this Request for Reconsideration as a starting point for a discussion with the Examiner. Applicant intends to call the Examiner within a few days of filing this request for reconsideration to schedule an interview. In the event that the Office and the Applicant cannot reach an agreement, Applicant intends to appeal the rejections.

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**§102 Rejections**

Claims 1-8, 13-67 and 70-75 stand rejected under 35 U.S.C. §102(e) as being anticipated by U.S. Patent No. 6,519,540 to Salandro (hereinafter "Salandro").

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**The Claims**

**Claim 1** recites an editing system comprising [emphasis added]:

- a switch assembly comprising one or more software-implemented matrix switches, individual matrix switches comprising:
- one or more input pins configured to receive a data stream; and
- one or more output pins configured to output a data stream;
- the one or more input pins being routable to the one or more output pins, *the switch assembly being configured to process both compressed and uncompressed data streams to provide a compressed output data stream that represents a user-defined editing project* in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams, wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on columns 3 and 7 of Salandro as disclosing *"the switch assembly being configured to process both compressed and uncompressed data streams to provide a compressed output data stream that represents a user-defined editing project"*, as claimed. The Office's only explanation in this regard is to state: "user may select the source and destination pin and the path to be used for the media using a user interface". (see Office Action, page 3).

Applicant respectfully disagrees and submits that the Office has mischaracterized the Salandro reference, which neither discloses nor suggests processing "both compressed and uncompressed data streams" so as "to provide a compressed data stream", as claimed. These excerpts merely disclose providing a logical pictorial representation of cross-point switches connecting source and destination channels (see e.g. Salandro, column 2, lines 5-25, column 3, lines 25-

34, and column 4, lines 7-48). This is evidenced by the Office's own explanation:  
"user may select the source and destination pin and the path to be used..."

Furthermore, Applicant is unable to find the term "compressed" or "uncompressed" anywhere in the Salandro reference. This is not surprising, since Salandro is concerned with providing a "signal router with a graphical interface" and not with processing "compressed and uncompressed data streams to provide a compressed output data stream". (see Salandro, column 1, line 65 – column 2, line 3).

When viewed in the context of the claimed subject matter, it becomes apparent that Salandro is really concerned with something that is quite different from the subject matter of this claim. Accordingly, because Salandro does not disclose or suggest the subject matter of this claim, this claim is allowable.

**Claims 2-7** depend from claim 1 and are allowable as depending from an allowable base claim. These claims are also allowable for their own recited features which, in combination with those recited in claim 1, are neither disclosed nor suggested in the references of record, either singly or in combination with one another.

**Claim 8** recites an editing system comprising [emphasis added]:

- a media processing object comprising at least one software-implemented matrix switch comprising a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on a user's operation on one or more sources of multimedia content, wherein said media processing object is configured to:
  - *receive multiple data streams comprising compressed and uncompressed data streams; and*

- 1                   ○ process *the one or more data streams to provide a*  
2                   *compressed output data stream* that represents a user-defined  
3                   media project in which a user can construct the media project  
4                   by operating on one or more sources of multimedia content.

5                   In making out the rejection of this claim, the Office argues that its subject  
6                   matter is anticipated by Salandro. Specifically, the Office relies on column 4,  
7                   lines 8-40, and figs. 3-5 as disclosing to “*receive multiple data streams*  
8                   *comprising compressed and uncompressed data streams*” and to “*process the one*  
9                   *or more data streams to provide a compressed output data stream*”, as claimed.

10                  Applicant respectfully disagrees and, as discussed above, submits Salandro  
11                  merely discloses providing a logical pictorial representation of cross-point  
12                  switches connecting source and destination channels. Furthermore, Applicant is  
13                  unable to find the term “compressed” or “uncompressed” anywhere in the  
14                  Salandro reference.

15                  Accordingly, because Salandro does not disclose or suggest the subject  
16                  matter of this claim, this claim is allowable.

17                  **Claim 13** recites a multi-media editing system comprising [emphasis  
18                  added]:

- 19                  • a switch assembly comprising one or more software-implemented  
20                  matrix switches, individual matrix switches comprising:  
21                  • one or more input pins configured to receive a data stream; and  
22                  • one or more output pins configured to output a data stream;  
23                  • the one or more input pins being routable to the one or more output  
24                  pins, the switch assembly being configured to *process both*  
25                  *compressed and uncompressed data streams to provide a*  
                    *compressed output data stream* that represents a user-defined multi-  
                    media editing project in which a user can construct the multi-media  
                    editing project by operating on one or more sources of multimedia  
                    content that provide said data streams; and

- one or more data structures associated with the switch assembly and configured for use in programming the switch assembly to provide a routing scheme for routing input pins to output pins for a given multi-media editing project time line,
- wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing "the switch assembly being configured to *process both compressed and uncompressed data streams to provide a compressed output data stream*", as claimed.

Applicant respectfully disagrees and, as discussed above, submits Salandro merely discloses providing a logical pictorial representation of cross-point switches connecting source and destination channels. Furthermore, Applicant is unable to find the term "compressed" or "uncompressed" anywhere in the Salandro reference.

Accordingly, because Salandro does not disclose or suggest the subject matter of this claim, this claim is allowable.

**Claims 14-20** depend from claim 13 and are allowable as depending from an allowable base claim. These claims are also allowable for their own recited features which, in combination with those recited in claim 13, are neither disclosed nor suggested in the references of record, either singly or in combination with one another.

1           **Claim 21** recites a multi-media editing system comprising [emphasis  
2 added]:

- 3
- 4           • a switch assembly comprising one or more non-hardware matrix  
5           switches, individual matrix switches comprising:
- 6           • one or more input pins configured to receive a data stream; and
- 7           • one or more output pins configured to output a data stream;
- 8           • the one or more input pins being routable to the one or more output  
9           pins, the switch assembly being configured to *process both*  
10           *compressed and uncompressed data streams to provide a*  
11           *compressed output data stream* that represents a user-defined multi-  
12           media editing project in which a user can construct said editing  
13           project by operating on one or more sources of multimedia content  
14           that provide said data streams, wherein at least one of said matrix  
15           switches comprises a scalable plurality of input pins and a scalable  
16           plurality of output pins, wherein individual input pins of said  
17           scalable plurality of input pins can be iteratively coupled to  
18           individual output pins of said scalable plurality of output pins based,  
19           at least in part, on the user's operation on said one or more sources  
20           of multimedia content.

21           In making out the rejection of this claim, the Office argues that its subject  
22           matter is anticipated by Salandro. Specifically, the Office relies on column 7, line  
23           1, - column 8, line 54, as disclosing "the switch assembly being configured to  
24           *process both compressed and uncompressed data streams to provide a*  
25           *compressed output data stream*", as claimed.

26           Applicant respectfully disagrees and, as discussed above, submits Salandro  
27           merely discloses providing a logical pictorial representation of cross-point  
28           switches connecting source and destination channels (also see column 8, lines 10-  
29           15). Furthermore, Applicant is unable to find the term "compressed" or  
30           "uncompressed" anywhere in the Salandro reference.

1 Accordingly, because Salandro does not disclose or suggest the subject  
2 matter of this claim, this claim is allowable.

3 **Claims 22-27** depend from claim 21 and are allowable as depending from  
4 an allowable base claim. These claims are also allowable for their own recited  
5 features which, in combination with those recited in claim 21, are neither disclosed  
6 nor suggested in the references of record, either singly or in combination with one  
7 another.

8 **Claim 28** recites a media processing system comprising [emphasis added]:

- 9
- 10 • switch means for receiving compressed and uncompressed data  
11 streams associated with sources that are to be incorporated into a  
12 user-defined editing project in which a user can construct said  
13 editing project by operating on one or more sources of multimedia  
14 content that provide said data streams, said switch means *processing*  
15 *the compressed and uncompressed data streams to provide a single*  
16 *compressed output stream* that represents the project; and
  - 17 • programming means associated with the switch means and  
18 configured to program the switch means to provide the single  
19 compressed output stream,
  - 20 • wherein said switch means comprises at least one matrix switch  
21 comprising a scalable plurality of input pins and a scalable plurality  
22 of output pins, wherein individual input pins of said scalable  
23 plurality of input pins can be iteratively coupled to individual output  
24 pins of said scalable plurality of output pins based, at least in part, on  
25 the user's operation on said one or more sources of multimedia  
content.

26 In making out the rejection of this claim, the Office argues that its subject  
27 matter is anticipated by Salandro. Specifically, the Office relies on column 4,  
28 lines 8-40, and figs. 3-5 as disclosing "*processing the compressed and*  
29 *uncompressed data streams to provide a single compressed output stream*", as  
30 claimed.

Applicant respectfully disagrees and, as discussed above, submits Salandro merely discloses providing a logical pictorial representation of cross-point switches connecting source and destination channels. Furthermore, Applicant is unable to find the term "compressed" or "uncompressed" anywhere in the Salandro reference.

Accordingly, because Salandro does not disclose or suggest the subject matter of this claim, this claim is allowable.

**Claims 29-32** depend from claim 28 and are allowable as depending from an allowable base claim. These claims are also allowable for their own recited features which, in combination with those recited in claim 28, are neither disclosed nor suggested in the references of record, either singly or in combination with one another.

**Claim 33** recites a multi-media editing system comprising [emphasis added]:

- a first software-implemented matrix switch comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins, the first matrix switch being configured to *process one or more uncompressed data streams and output an uncompressed data stream*;
- a second software-implemented matrix switch comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins, the second matrix switch being configured to *process one or more compressed data streams and output a compressed data stream*; and
- a third software-implemented matrix switch comprising multiple input pins and multiple output pins, the input pins being routable to one or more output pins, the third matrix switch being configured to *receive an uncompressed data stream from the first switch and a compressed data stream from the second switch and process the received data streams to provide a single compressed output data stream* that represents a user-defined multi-media editing project in



1 which a user can construct said editing project by operating on one  
2 or more sources of multimedia content that provide said data  
3 streams,

- 4 • wherein at least one of said matrix switches comprises a scalable  
5 plurality of input pins and a scalable plurality of output pins,  
6 wherein individual input pins of said scalable plurality of input pins  
7 can be iteratively coupled to individual output pins of said scalable  
8 plurality of output pins based, at least in part, on the user's operation  
9 on said one or more sources of multimedia content.

10 In making out the rejection of this claim, the Office argues that its subject  
11 matter is anticipated by Salandro. Specifically, the Office relies on column 4,  
12 lines 8-40, and figs. 3-5 as disclosing a "first matrix switch being configured to  
13 *process one or more uncompressed data streams and output an uncompressed*  
14 *data stream*", a "second matrix switch being configured to *process one or more*  
15 *compressed data streams and output a compressed data stream*", and a "third  
16 matrix switch being configured to *receive an uncompressed data stream from the*  
17 *first switch and a compressed data stream from the second switch and process*  
18 *the received data streams to provide a single compressed output data stream*", as  
19 claimed.

20 Applicant respectfully disagrees and, as discussed above, submits Salandro  
21 merely discloses providing a logical pictorial representation of cross-point  
22 switches connecting source and destination channels. Furthermore, Applicant is  
23 unable to find the term "compressed" or "uncompressed" anywhere in the  
24 Salandro reference.

25 Accordingly, because Salandro does not disclose or suggest the subject  
matter of this claim, this claim is allowable.

1       **Claims 34-37** depend from claim 33 and are allowable as depending from  
2 an allowable base claim. These claims are also allowable for their own recited  
3 features which, in combination with those recited in claim 33, are neither disclosed  
4 nor suggested in the references of record, either singly or in combination with one  
5 another.

6       **Claim 38** recites a multi-media editing system comprising [emphasis  
7 added]:

- 8       • first software switch means for *processing one or more*  
9 *uncompressed data streams to provide an uncompressed data*  
10 *stream*, the switch means comprising at least one feedback loop that  
11 modifies a data stream that is output by the switch means and  
12 provides the modified data stream as an input to the switch means;
- 13       • second software switch means for *processing one or more*  
14 *compressed data streams to provide a compressed data stream*; and
- 15       • a third software switch means for *receiving an uncompressed data*  
16 *stream from the first software switch means and a compressed data*  
17 *stream from the second software switch and processing the*  
18 *received data streams to provide a single compressed output data*  
19 *stream* that represents a user-defined multi-media editing project in  
20 which a user can construct said editing project by operating on one  
21 or more sources of multimedia content that provide said data  
22 streams,
- 23       • wherein at least one of said switch means comprises a scalable  
24 plurality of input pins and a scalable plurality of output pins,  
25 wherein individual input pins of said scalable plurality of input pins  
can be iteratively coupled to individual output pins of said scalable  
plurality of output pins based, at least in part, on the user's operation  
on said one or more sources of multimedia content.

26       In making out the rejection of this claim, the Office argues that its subject  
27 matter is anticipated by Salandro. Specifically, the Office relies on column 4,  
28 lines 8-40, and figs. 3-5 as disclosing a "first software switch means for

1 *processing one or more uncompressed data streams to provide an uncompressed*  
2 *data stream”, a “second software switch means for processing one or more*  
3 *compressed data streams to provide a compressed data stream”, and “a third*  
4 *software switch means for receiving an uncompressed data stream from the first*  
5 *software switch means and a compressed data stream from the second software*  
6 *switch and processing the received data streams to provide a single compressed*  
7 *output data stream”, as claimed.*

8 Applicant respectfully disagrees and, as discussed above, submits Salandro  
9 merely discloses providing a logical pictorial representation of cross-point  
10 switches connecting source and destination channels. Furthermore, Applicant is  
11 unable to find the term “compressed” or “uncompressed” anywhere in the  
12 Salandro reference.

13 Accordingly, because Salandro does not disclose or suggest the subject  
14 matter of this claim, this claim is allowable.

15 **Claim 39** depends from claim 38 and is allowable as depending from an  
16 allowable base claim. This claim is also allowable for its own recited features  
17 which, in combination with those recited in claim 38, are neither disclosed nor  
18 suggested in the references of record, either singly or in combination with one  
19 another.

20 **Claim 40** recites a multi-media editing system comprising [emphasis  
21 added]:

- 22
- 23 • a first software-implemented matrix switch comprising one or more  
24 input pins and one or more output pins, the one or more input pins  
25 being routable to the one or more output pins, the first matrix switch  
being configured to *process one or more uncompressed data  
streams and output an uncompressed data stream*;

- a second software-implemented matrix switch comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins, the second matrix switch being configured to *process one or more compressed data streams and output a compressed data stream*;
- a third software-implemented matrix switch comprising multiple input pins and multiple output pins, the input pins being routable to one or more output pins, the third matrix switch being configured to *receive an uncompressed data stream from the first switch and a compressed data stream from the second switch and process the received data streams to provide a single compressed output data stream* that represents a user-defined multi-media editing project in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams; and
- one or more data structures associated with at least some of the matrix switches and configured for use in programming the associated switches to provide a routing scheme for routing input pins to output pins,
- wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing a “first matrix switch being configured to *process one or more uncompressed data streams and output an uncompressed data stream*”, a “second matrix switch being configured to *process one or more compressed data streams and output a compressed data stream*”, and a “third matrix switch being configured to *receive an uncompressed data stream from the first switch and a compressed data stream from the second switch and process*

1 *the received data streams to provide a single compressed output data stream*", as  
2 claimed.

3 Applicant respectfully disagrees and, as discussed above, submits Salandro  
4 merely discloses providing a logical pictorial representation of cross-point  
5 switches connecting source and destination channels. Furthermore, Applicant is  
6 unable to find the term "compressed" or "uncompressed" anywhere in the  
7 Salandro reference.

8 Accordingly, because Salandro does not disclose or suggest the subject  
9 matter of this claim, this claim is allowable.

10 **Claims 41-43** depend from claim 40 and are allowable as depending from  
11 an allowable base claim. These claims are also allowable for their own recited  
12 features which, in combination with those recited in claim 40, are neither disclosed  
13 nor suggested in the references of record, either singly or in combination with one  
14 another.

15  
16 **Claim 44** recites a multi-media editing method comprising [emphasis  
17 added]:

- 18  
19 • providing a switch assembly comprising one or more software-  
20 implemented matrix switches, individual matrix switches comprising  
21 one or more input pins and one or more output pins, the one or more  
22 input pins being routable to the one or more output pins, the switch  
23 assembly being configured to *process both compressed and*  
24 *uncompressed data streams to provide a compressed output data*  
25 *stream* that represents a user-defined multi-media editing project in  
which a user can construct said editing project by operating on one  
or more sources of multimedia content that provide said data  
streams, wherein at least one of said matrix switches comprises a  
scalable plurality of input pins and a scalable plurality of output  
pins, wherein individual input pins of said scalable plurality of input

1 pins can be iteratively coupled to individual output pins of said  
2 scalable plurality of output pins based, at least in part, on the user's  
3 operation on said one or more sources of multimedia content; and  
4 • programming the switch assembly using one or more data structures,  
5 said programming providing a routing scheme for routing input pins  
6 to output pins for a given time period.

7 In making out the rejection of this claim, the Office argues that its subject  
8 matter is anticipated by Salandro. Specifically, the Office relies on column 4,  
9 lines 8-40, and figs. 3-5 as disclosing a "switch assembly being configured to  
10 *"process both compressed and uncompressed data streams to provide a  
11 compressed output data stream"*, as claimed.

12 Applicant respectfully disagrees and, as discussed above, submits Salandro  
13 merely discloses providing a logical pictorial representation of cross-point  
14 switches connecting source and destination channels. Furthermore, Applicant is  
15 unable to find the term "compressed" or "uncompressed" anywhere in the  
16 Salandro reference.

17 Accordingly, because Salandro does not disclose or suggest the subject  
18 matter of this claim, this claim is allowable.

19 **Claims 45-56** depend from claim 44 and are allowable as depending from  
20 an allowable base claim. These claims are also allowable for their own recited  
21 features which, in combination with those recited in claim 44, are neither disclosed  
22 nor suggested in the references of record, either singly or in combination with one  
23 another.

24 **Claim 57** recites one or more computer-readable media having computer-  
25 readable instructions thereon which, when executed by a computer, cause the  
computer to [emphasis added]:

- provide a switch assembly comprising multiple software-implemented matrix switches, individual matrix switches comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins, the switch assembly comprising:
- a first switch configured to *process uncompressed data streams to provide an uncompressed output data stream*;
- a second switch configured to *process compressed data streams to provide a compressed output data stream*; and
- a third switch configured to *receive both the uncompressed and compressed output data streams and process the data streams to provide a compressed output data stream* that represents a user-defined multi-media editing project in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams, wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content; and
- program the switch assembly by defining a first grid structure containing data that defines an association between the first switch's input pins, at least one output pin and a time line defined by the editing project, and defining a second grid structure containing data that defines an association between the second switch's input pins, at least one output pin and the time line defined by the editing project.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing "a first switch configured to *process uncompressed data streams to provide an uncompressed output data stream*", "a second switch configured to *process compressed data streams to provide a compressed output data stream*", and "a third switch configured to *receive both*

1 *the uncompressed and compressed output data streams and process the data*  
2 *streams to provide a compressed output data stream”, as claimed.*

3 Applicant respectfully disagrees and, as discussed above, submits Salandro  
4 merely discloses providing a logical pictorial representation of cross-point  
5 switches connecting source and destination channels. Furthermore, Applicant is  
6 unable to find the term “compressed” or “uncompressed” anywhere in the  
7 Salandro reference.

8 Accordingly, because Salandro does not disclose or suggest the subject  
9 matter of this claim, this claim is allowable.

10 **Claims 58-62** depend from claim 57 and are allowable as depending from  
11 an allowable base claim. These claims are also allowable for their own recited  
12 features which, in combination with those recited in claim 57, are neither disclosed  
13 nor suggested in the references of record, either singly or in combination with one  
14 another.

15 **Claim 63** recites a multi-media editing method comprising [emphasis  
16 added]:

- 17 • providing a first software-implemented matrix switch comprising  
18 one or more input pins and one or more output pins, the one or more  
19 input pins being routable to the one or more output pins, the first  
20 matrix switch being configured to *process one or more*  
21 *uncompressed data streams and output an uncompressed data*  
22 *stream*;
- 23 • providing a second software-implemented matrix switch comprising  
24 one or more input pins and one or more output pins, the one or more  
25 input pins being routable to the one or more output pins, the second  
26 matrix switch being configured to *process one or more compressed*  
27 *data streams and output a compressed data stream*;
- 28 • providing a third software-implemented matrix switch comprising  
29 multiple input pins and multiple output pins, the input pins being  
30 routable to one or more output pins wherein at least one of said



matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content;

- *receiving, with the third matrix switch, an uncompressed data stream from the first switch and a compressed data stream from the second switch; and*
- *processing the received data streams with the third switch to provide a single compressed output data stream* that represents a user-defined multi-media editing project in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing a “first matrix switch being configured to *process one or more uncompressed data streams and output an uncompressed data stream*”, a “second matrix switch being configured to *process one or more compressed data streams and output a compressed data stream*”, “*receiving,*” with a “third matrix switch, *an uncompressed data stream from the first switch and a compressed data stream from the second switch*”, and “*processing the received data streams with the third switch to provide a single compressed output data stream*”, as claimed.

Applicant respectfully disagrees and, as discussed above, submits Salandro merely discloses providing a logical pictorial representation of cross-point switches connecting source and destination channels. Furthermore, Applicant is unable to find the term “compressed” or “uncompressed” anywhere in the Salandro reference.

1 Accordingly, because Salandro does not disclose or suggest the subject  
2 matter of this claim, this claim is allowable.

3 **Claims 64-66** depend from claim 63 and are allowable as depending from  
4 an allowable base claim. These claims are also allowable for their own recited  
5 features which, in combination with those recited in claim 63, are neither disclosed  
6 nor suggested in the references of record, either singly or in combination with one  
7 another.

8 **Claim 67** recites one or more computer-readable media having computer-  
9 readable instructions thereon which, when executed by a computer, cause the  
10 computer to [emphasis added]:

- 11 • *process at least one compressed data stream to provide an output*  
12 *compressed data stream* that comprises a portion of a user-defined  
13 multi-media editing project that is associated with a data stream  
source;
- 14 • *process one or more uncompressed data streams to manipulate the*  
15 *one or more uncompressed data streams to provide an output*  
16 *uncompressed data stream* that comprises a different portion of a  
user-defined multi-media editing project that is associated with one  
or more data stream sources;
- 17 • *compress the output uncompressed data stream;* and
- 18 • *associate the output compressed data stream and the compressed*  
19 *output uncompressed data stream together to provide a compressed*  
20 *stream* that represents a user-defined multi-media editing project in  
which a user can construct said editing project by operating on one  
or more sources of multimedia content that provide said data  
streams,
- 21 • wherein said data streams are processed utilizing at least one matrix  
22 switches comprising a scalable plurality of input pins and a scalable  
23 plurality of output pins, wherein individual input pins of said  
24 scalable plurality of input pins can be iteratively coupled to  
individual output pins of said scalable plurality of output pins based,  
25 at least in part, on the user's operation on said one or more sources  
of multimedia content.

1  
2 In making out the rejection of this claim, the Office argues that its subject  
3 matter is anticipated by Salandro. Specifically, the Office relies on column 4,  
4 lines 8-40, and figs. 3-5 as disclosing processing "*at least one compressed data*  
5 *stream to provide an output compressed data stream*", processing "*one or more*  
6 *uncompressed data streams to manipulate the one or more uncompressed data*  
7 *streams to provide an output uncompressed data stream* compressing "*the output*  
8 *uncompressed data stream*", compressing the "*output uncompressed data*  
9 *stream*", and associating "*the output compressed data stream and the compressed*  
10 *output uncompressed data stream together to provide a compressed stream*", as  
11 claimed.

12 Applicant respectfully disagrees and, as discussed above, submits Salandro  
13 merely discloses providing a logical pictorial representation of cross-point  
14 switches connecting source and destination channels. Furthermore, Applicant is  
15 unable to find the term "compressed" or "uncompressed" anywhere in the  
16 Salandro reference.

17 Accordingly, because Salandro does not disclose or suggest the subject  
18 matter of this claim, this claim is allowable.

19 **Claim 70** recites one or more computer-readable media having computer-  
20 readable instructions thereon which, when executed by a computer, cause the  
21 computer to:

- 22
- 23 • *receive and process one or more uncompressed data streams with a*  
24 *first software-implemented matrix switch* comprising one or more  
25 input pins and one or more output pins, the one or more input pins  
being routable to the one or more output pins to output an  
uncompressed data stream;

- *receive and process one or more compressed data streams with a second software-implemented matrix switch* comprising one or more input pins and one or more output pins, the one or more input pins being routable to the one or more output pins to output a compressed data stream;
- *receive and process the uncompressed data stream that is output by the first switch and the compressed data stream that is output by the second switch with a third software-implemented matrix switch* comprising multiple input pins individual ones of which receive data streams, and one or more output pins individual ones of which provide data streams, the one or more input pins being routable to the one or more output pins *to output, at one output pin, a compressed data stream* that represents a user-defined multi-media editing project in which a user can construct said editing project by operating on one or more sources of multimedia content that provide said data streams, wherein at least one of said matrix switches comprises a scalable plurality of input pins and a scalable plurality of output pins, wherein individual input pins of said scalable plurality of input pins can be iteratively coupled to individual output pins of said scalable plurality of output pins based, at least in part, on the user's operation on said one or more sources of multimedia content.

In making out the rejection of this claim, the Office argues that its subject matter is anticipated by Salandro. Specifically, the Office relies on column 4, lines 8-40, and figs. 3-5 as disclosing to “*receive and process one or more uncompressed data streams with a first software-implemented matrix switch*”, “*receive and process one or more compressed data streams with a second software-implemented matrix switch*”, and “*receive and process the uncompressed data stream that is output by the first switch and the compressed data stream that is output by the second switch with a third software-implemented matrix*”, as claimed, so as to “*output, at one output pin, a compressed data stream*”, as claimed.

1 Applicant respectfully disagrees and, as discussed above, submits Salandro  
2 merely discloses providing a logical pictorial representation of cross-point  
3 switches connecting source and destination channels. Furthermore, Applicant is  
4 unable to find the term "compressed" or "uncompressed" anywhere in the  
5 Salandro reference.

6 Accordingly, because Salandro does not disclose or suggest the subject  
7 matter of this claim, this claim is allowable.

8 **Claims 71-75** depend from claim 70 and are allowable as depending from  
9 an allowable base claim. These claims are also allowable for their own recited  
10 features which, in combination with those recited in claim 70, are neither disclosed  
11 nor suggested in the references of record, either singly or in combination with one  
12 another.


### 13 14 **Conclusion**

15 Applicant submits that all of the claims are in condition for allowance and  
16 respectfully requests a Notice of Allowability be issued forthwith. If the Office's  
17 next anticipated action is to be anything other than issuance of a Notice of  
18 Allowability, Applicant respectfully requests a telephone call for the purpose of  
19 scheduling an interview.  
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Respectfully Submitted,

Dated: 3/8/06

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